

Websites

These are websites of organizations and projects that are related to BSI topics.

Name	Publication Date	Abstract
Acquisition Best Practices Clearinghouse	3/3/06	<p>Section 804 of the National Defense Authorization Act of 2003 directed OSD to establish a clearinghouse for best practices in software development and acquisition. In response to that direction, OUSD(AT&L) and OASD(NII) have established the DoD Best Practices Clearinghouse project.</p> <p>The Clearinghouse will improve DoD's acquisition of software-intensive systems by helping programs select and implement proven acquisition, development and systems engineering practices appropriate to their individual programmatic needs. It will support Component improvement initiatives by enabling acquisition organizations to create and institutionalize effective system acquisition processes and maintain well-trained, experienced personnel.</p>
An Aspect-Based Approach for Specification, Analysis, Integration and Evolution of Security Policies	9/8/06	<p>This project at the Computer Science Department at Colorado State University involves development of a framework that provides a solution to the problems of specification, validation, integration, and evolution of security policies, as well as a prototype tool to partially automate the solution and aid users in specifying correct security policies.</p>
Building Security In Maturity Model	4/10/09	<p>The Building Security In Maturity Model (BSIMM) is designed to help you understand and plan a software security initiative. BSIMM was created through a process of understanding and analyzing real-world data from nine leading software security initiatives. BSIMM is not a complete "how to" guide for</p>

		software security, nor is it a one size fits all model. Instead, BSIMM is a collection of good ideas and activities that are in use today.
CERT	3/3/06	CERT, the home of the well-known CERT® Coordination Center, is located at Carnegie Mellon University ¹ 's Software Engineering Institute ² . CERT experts study internet security vulnerabilities, research long-term changes in networked systems, and develop information and training to help organizations improve security.
CERT® Survivability and Information Assurance Curriculum	4/26/06	Today's organizations rely on networked systems powered by fast-changing technology. This reliance makes them more vulnerable to attacks and forces system administrators to seek new approaches to computer and network security. To help them, CERT has developed a downloadable three-course curriculum in survivability and information assurance (SIA). This curriculum offers a problem-solving methodology built on key SIA principles that are independent of specific technologies. These principles form the foundation of CERT's SIA Curriculum. A summary of the curriculum is provided below.
CERT Software Assurance Resources	1/7/08	Provides links to CERT projects related to software assurance.
CLASP (Comprehensive, Lightweight Application Security Process)	3/3/06	Comprehensive, Lightweight Application Security Process—CLASP—is an activity-driven, role-based set of process components guided by formalized best practices. CLASP is designed to help software development teams build security into the early stages of existing and new-start software development life cycles in a structured, repeatable, and measurable way.

CrossTalk	4/25/06	CrossTalk, The Journal of Defense Software Engineering is an approved Department of Defense journal. CrossTalk's mission is to encourage the engineering development of software in order to improve the reliability, sustainability, and responsiveness of our warfighting capability and to inform and educate readers on up-to-date policy decisions and new software engineering technologies.
DACS: The Data & Analysis Center for Software	3/3/06	<p>The Data and Analysis center for Software (DACS) is a U.S. Department of Defense (DoD) Information Analysis center (IAC) that serves as an authoritative and unbiased source of technical software data/information, and provides support to all elements of the software community.</p> <p>The charter of the DACS covers all aspects of Software Engineering and Technology in support of military, government, industrial and academic users. It also offers a wide-variety of Technical Services designed to support the acquisition, development, testing, validation, transition and maintenance of software.</p>
IEEE: The Institute of Electrical and Electronics Engineers	3/3/06	The world's leading professional association for the advancement of technology
IEEE Security & Privacy	6/22/06	The primary objective of IEEE Security & Privacy is to stimulate and track advances in information assurance and security and present these advances in a form that can be useful to a broad cross-section of the professional community-ranging from academic researchers to industry practitioners. It is intended to serve a broad readership.
IEEE Technical Committee on Security and Privacy	3/3/06	IEEE Computer Society's Technical Committee on Security and Privacy

Information Technology Association of America - Information Security Program	3/3/06	Whether information security firms want to build revenue enhancing business relationships or extend their reach on critical public policy issues, they find the ITAA Information Security program a valuable resource. More than 200 companies participate, from the largest systems integrators to entrepreneurs with the latest niche technologies. Monthly committee meetings set the industry's agenda for both cyber security matters of the moment and issues that will be drawing attention in the months ahead. Outreach to government agencies is a regular program feature, as well as frequent interaction with vertical industry groups with an interest in critical infrastructure protection. Opportunities to reach beyond information security to homeland security, defense, intelligence and other ITAA programs makes this a truly leveraged business opportunity.
Making Security Measurable	10/10/07	This Web site contains a collection of links to data that support security measurements and to standardized languages that support exchanging such information.
NASA Software Assurance Guidebook and Standard	1/7/08	"The SMAP-GB-A201, <i>Software Assurance Guidebook</i> , provides an overall picture of the NASA concepts and practices in software assurance, and the NASA-STD-2201-93, <i>Software Assurance Standard</i> , is intended for use as a requirement to be placed on a software provider or to serve as a guide for auditing of software assurance activities."
NIST SAMATE Project	1/4/08	"This project supports the DHS Software Assurance Tools and R&D Requirements Identification Program. The objective of part 3, Technology (Tools and Requirements) is the identification, enhancement

		and development of software assurance tools. NIST is leading in (a) testing software evaluation tools, (b) measuring the effectiveness of tools, and (c) identifying gaps in tools and methods."
Object Management Group Software Assurance SIG	1/7/08	"The primary mission of the SwA SIG is to work with Platform and Domain Task Forces and other software industry entities and groups external to the OMG, to coordinate the establishment of a common framework for analysis and exchange of information related to software trustworthiness."
Security Focus	3/3/06	SecurityFocus is the most comprehensive and trusted source of security information on the Internet. SecurityFocus is a vendor-neutral site that provides objective, timely and comprehensive security information to all members of the security community, from end users, security hobbyists and network administrators to security consultants, IT Managers, CIOs and CSOs.
Software Assurance Consortium	1/7/08	"The purpose of the SwAC is to formalize our community of interest with the objective of developing, deriving and proliferating means for identifying and quantifying risks to organizations posed by vulnerabilities and weaknesses in software, and the means by which risk can be reduced, and trustworthiness can be increased across the software supply chain."
Software Technology Support Center	3/3/06	In 1987, the U.S. Air Force selected Ogden Air Logistics Center (OO-ALC), Hill Air Force Base, Utah, to establish and operate its Software Technology Support Center (STSC). It was chartered to be the command focus for proactive application of software technology in weapon,

		<p>command and control, intelligence and mission-critical systems.</p> <p>The STSC provides hands-on assistance in adopting effective technologies for software-intensive systems. We help organizations identify, evaluate and adopt technologies that improve software product quality, production efficiency and predictability.</p> <p>We use the term technology in its broadest sense to include processes, methods, techniques, and tools that enhance human capability. Our focus is on field-proven technologies that will benefit the DoD mission.</p>
United States Computer Emergency Response Team	3/3/06	Established in 2003 to protect the nation's Internet infrastructure, US-CERT coordinates defense against and responses to cyber attacks across the nation.
United States Department of Homeland Security	3/3/06	Home Page.
Virtual Training Environment	4/26/06	<p>The Virtual Training Environment (VTE) is a Web-based knowledge library for Information Assurance, computer forensics and incident response, and other IT-related topics. VTE is produced by the CERT® program of the Software Engineering Institute at Carnegie Mellon University. While VTE is used to offer security training, DoD 8570.1 and FISMA training, and CERT® courses to partner organizations and students in an online format, CERT makes as much of its library as possible available to the public in an effort to create a more knowledgeable information security community.</p>